

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,290,015 B1  
APPLICATION NO. : 10/679015  
DATED : October 30, 2007  
INVENTOR(S) : Vivek P. Singhal and Ian David Emmons

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims:

Line 46, col. 14 please replace "sending a said set" with --sending said set--

Line 6, col. 15 please replace "discarding messages" with --discarding message--

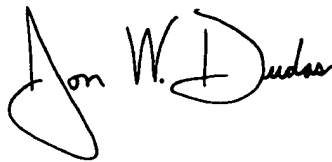
Line 23, col. 16 please replace "sending a said set" with --sending said set--

Line 21, col. 18 please replace "transaction to a the first database" with

--transaction to the first database--

Signed and Sealed this

Twenty Second Day of April, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*